

GLOUCESTER COUNTY, NEW JERSEY  
COMPREHENSIVE HYDRIC SOILS LIST

All mapunits are displayed regardless of hydric status and are listed in alpha-numeric order by mapunit symbol. The "Hydric Soils Criteria" columns indicate the conditions that caused the mapunit component to be classified as "Hydric" or "Non-Hydric". These criteria are defined in "Hydric Soils of the United States" (USDA Miscellaneous Publication No. 1491, June, 1991 as revised in the Federal Register, Vol. 60, No. 37, February 24, 1995). See the "Criteria for Hydric Soils" endnote to determine the meaning of these columns. Spot symbols are footnoted at the end of the table.

Map Symbol Mapunit Name	Component(C) / Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
Ad: ALLUVIAL LAND-----	ALLUVIAL LAND (C)	Yes	Flood Plain	2B3	YES	NO	NO	5200
AmB: AURA LOAMY SAND, 0 TO 5 PERCENT SLOPES-----	AURA (C)	No						3500
ArB: AURA SANDY LOAM, 0 TO 5 PERCENT SLOPES-----	AURA (C)	No						24888
AsB: AURA-SASSAFRAS LOAMY SANDS, 0 TO 5 PERCENT SLOPES-----	AURA (C)	No						310
	SASSAFRAS (C)	No						190
AsC: AURA-SASSAFRAS LOAMY SANDS, 5 TO 10 PERCENT SLOPES-----	AURA (C)	No						372
	SASSAFRAS (C)	No						228

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
AuB: AURA-SASSAFRAS SANDY LOAMS, 0 TO 5 PERCENT SLOPES-----								
	AURA (C)	No						620
	SASSAFRAS (C)	No						380
AuC: AURA-SASSAFRAS SANDY LOAMS, 5 TO 10 PERCENT SLOPES-----								
	AURA (C)	No						868
	SASSAFRAS (C)	No						532
AuC3: AURA-SASSAFRAS SANDY LOAMS, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED-----								
	AURA (C)	No						248
	SASSAFRAS (C)	No						152
Ba: BAYBORO LOAM-----								
	BAYBORO (C)	Yes	Marine Terrace	2B3	YES	NO	NO	200
Ck: COLEMANTOWN-MATLOCK LOAMS-----								
	COLEMANTOWN (C)	Yes	Marine Terrace	2B3	YES	NO	NO	248
	MATLOCK (C)	Yes	Marine Terrace	2B3	YES	NO	NO	152

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
CmB: COLLINGTON LOAMY SAND, 0 TO 5 PERCENT SLOPES-	COLLINGTON(C)	No						650
CmC: COLLINGTON LOAMY SAND, 5 TO 10 PERCENT SLOPES	COLLINGTON(C)	No						150
CnA: COLLINGTON SANDY LOAM, 0 TO 2 PERCENT SLOPES-	COLLINGTON(C)	No						150
CnB: COLLINGTON SANDY LOAM, 2 TO 5 PERCENT SLOPES-	COLLINGTON(C)	No						650
CnC: COLLINGTON SANDY LOAM, 5 TO 10 PERCENT SLOPES	COLLINGTON(C)	No						200
CoB: COLTS NECK SOILS, 0 TO 5 PERCENT SLOPES-----	COLTS NECK(C)	No						600

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
CoC: COLTS NECK SOILS, 5 TO 10 PERCENT SLOPES-----	COLTS NECK(C)	No						400
DoB: DOWNER LOAMY SAND, 0 TO 5 PERCENT SLOPES---	DOWNER (C)	No						14750
DsA: DOWNER SANDY LOAM, 0 TO 2 PERCENT SLOPES---	DOWNER (C)	No						10700
DsB: DOWNER SANDY LOAM, 2 TO 5 PERCENT SLOPES---	DOWNER (C)	No						2800
Ek: ELKTON LOAM-----	ELKTON (C)	Yes	Marine Terrace	2B3	YES	NO	NO	1400
Fa: FALLSINGTON LOAM-----	FALLSINGTON N (C)	Yes	Depression	2B3	YES	NO	NO	2500
Fd: FALLSINGTON SANDY LOAM	FALLSINGTON N (C)	Yes	Depression	2B3	YES	NO	NO	6600

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
FhB: FREEHOLD LOAMY SAND, 0 TO 5 PERCENT SLOPES---	FREEHOLD (C)	No						16150
FhC: FREEHOLD LOAMY SAND, 5 TO 10 PERCENT SLOPES--	FREEHOLD (C)	No						3700
FnB: FREEHOLD SAND, THICK SURFACE VARIANT, 0 TO 10 PERCENT SLOPES-----	FREEHOLD, THICK SURF(C)	No						1100
FoA: FREEHOLD SANDY LOAM, 0 TO 2 PERCENT SLOPES---	FREEHOLD (C)	No						3000
FoB: FREEHOLD SANDY LOAM, 2 TO 5 PERCENT SLOPES---	FREEHOLD (C)	No						8100
FoC: FREEHOLD SANDY LOAM, 5 TO 10 PERCENT SLOPES--	FREEHOLD (C)	No						1700
FoC3: FREEHOLD SANDY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED-----	FREEHOLD (C)	No						50

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COMPREHENSIVE HYDRIC SOILS LIST (Continued)

Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
FoD3: FREEHOLD SANDY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED-----	FREEHOLD (C)	No						450
FsD: FREEHOLD SOILS, 10 TO 15 PERCENT SLOPES-----	FREEHOLD (C)	No						1800
FtE: FREEHOLD, COLTS NECK, AND COLLINGTON SOILS, 15 TO 25 PERCENT SLOPES-----	FREEHOLD (C)	No						680
	COLTS NECK(C)	No						510
	COLLINGTON(C)	No						510
FtF: FREEHOLD, COLTS NECK, AND COLLINGTON SOILS, 25 TO 40 PERCENT SLOPES-----	FREEHOLD (C)	No						400
	COLTS NECK(C)	No						300
	COLLINGTON(C)	No						300
Fw: FRESH WATER MARSH-----	FRESH WATER MARSH (C)	Yes	Marsh	2B3,3	YES	NO	YES	300

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
KpB: KEYPORT SANDY LOAM, 0 TO 5 PERCENT SLOPES---	KEYPORT (C)	No	Marine Terrace	2B3	YES	NO	NO	1800
	ELKTON (I)	Yes						
KpC3: KEYPORT SANDY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED-----	KEYPORT (C)	No						300
KrB: KRESSON SANDY LOAM, 0 TO 5 PERCENT SLOPES---	KRESSON (C)	No						300
	COLEMANTOWN (I)	Yes	Marine Terrace	2B3	YES	NO	NO	
Laa: LAKEHURST SAND, 0 TO 5 PERCENT SLOPES-----	LAKEHURST (C)	No						2400
	LEON (I)	Yes	Depression	2B3	YES	NO	NO	
	ST. JOHNS (I)	Yes	Depression	2B3,3	YES	NO	YES	
LdB: LAKELAND SAND, 0 TO 10 PERCENT SLOPES-----	LAKELAND (C)	No						7000

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
LeB: LAKEWOOD SAND, 0 TO 5 PERCENT SLOPES-----	LAKWOOD (C) LEON (I)	No Yes	Depression	2B3	YES	NO	NO	500
LkA: LENOIR AND KEYPORT LOAMS, 0 TO 5 PERCENT SLOPES-----	LENOIR (C) KEYPORT (C) ELKTON (I)	No No Yes	Marine Terrace	2B3	YES	NO	NO	125 125
Lo: LEON SAND-----	LEON (C)	Yes	Depression	2B3	YES	NO	NO	4500
Mc: MADE LAND, COARSE MATERIALS-----	MADE LAND, COARSE MA (C)	No						1300
Mf: MADE LAND, FINE MATERIALS-----	MADE LAND, FINE MATE (C)	No						300
MrB: MARLTON SANDY LOAM, 0 TO 5 PERCENT SLOPES---	MARLTON (C) COLEMANTOW N (I) MATLOCK (I)	No Yes Yes	Marine Terrace Marine Terrace	2B3 2B3	YES YES	NO NO	NO NO	2200

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Map Symbol Mapunit Name	Component(C) / Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
MrC: MARLTON SANDY LOAM, 5 TO 10 PERCENT SLOPES--	MARLTON (C)	No						350
MrC3: MARLTON SANDY LOAM, 5 TO 10 PERCENT SLOPES, SEVERELY ERODED-----	MARLTON (C)	No						500
MrD: MARLTON SANDY LOAM, 10 TO 15 PERCENT SLOPES--	MARLTON (C)	No						100
MrD3: MARLTON SANDY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED-----	MARLTON (C)	No						300
MrE: MARLTON SANDY LOAM, 15 TO 25 PERCENT SLOPES--	MARLTON (C)	No						350
MrF: MARLTON SANDY LOAM, 25 TO 40 PERCENT SLOPES--	MARLTON (C)	No						350

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
Mu: MUCK-----	MUCK (C)	Yes	Bog	1,3	YES	NO	YES	12850
NbB: NIXONTON AND BARCLAY SOILS, 0 TO 5 PERCENT SLOPES-----	NIXONTON (C)	No						700
	BARCLAY (C)	No						700
	PASQUOTANK(I)	Yes	Depression	2B3	YES	NO	NO	
Pa: PASQUOTANK FINE SANDY LOAM-----	PASQUOTANK(C)	Yes	Depression	2B3	YES	NO	NO	1000
Pg: PITS-----	PITS (C)	No						700
Po: POCOMOKE LOAM-----	POCOMOKE (C)	Yes	Depression	2B3	YES	NO	NO	1300
Ps: POCOMOKE SANDY LOAM---	POCOMOKE (C)	Yes	Depression	2B3	YES	NO	NO	300
Sa: ST. JOHNS SAND-----	ST. JOHNS (C)	Yes	Depression	2B3,3	YES	NO	YES	1300
SfB: SASSAFRAS LOAMY SAND, 0 TO 5 PERCENT SLOPES-	SASSAFRAS (C)	No						2600

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Map Symbol Mapunit Name	Component(C)/ Inclusion(I)	Hydric	Local Landform	Hydric Soils Criteria				Acres
				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
SfC: SASSAFRAS LOAMY SAND, 5 TO 10 PERCENT SLOPES	SASSAFRAS (C)	No						1700
SrA: SASSAFRAS SANDY LOAM, 0 TO 2 PERCENT SLOPES-	SASSAFRAS (C)	No						3600
SrB: SASSAFRAS SANDY LOAM, 2 TO 5 PERCENT SLOPES-	SASSAFRAS (C)	No						6600
SrC: SASSAFRAS SANDY LOAM, 5 TO 10 PERCENT SLOPES	SASSAFRAS (C)	No						1000
SrD3: SASSAFRAS SANDY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED-----	SASSAFRAS (C)	No						60
SsD: SASSAFRAS SOILS, 10 TO 15 PERCENT SLOPES-----	SASSAFRAS (C)	No						1100
SsE: SASSAFRAS SOILS, 15 TO 40 PERCENT SLOPES-----	SASSAFRAS (C)	No						600

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
Tm: TIDAL MARSH-----	TIDAL MARSH (C)	Yes	Tidal Flat	2B3,3	YES	NO	YES	7400
W: WATER (LESS THAN 40 ACRES)-----	ERROR: There is no hydcomp record for component NJ015 015W 1							
WATER: WATER (GREATER THAN 40 ACRES)-----	ERROR: There is no hydcomp record for component NJ015 015WATER 1							
WaD3: WESTPHALIA FINE SANDY LOAM, 10 TO 15 PERCENT SLOPES, SEVERELY ERODED-----	WESTPHALIA(C)	No						200
WhB: WESTPHALIA SOILS, 0 TO 5 PERCENT SLOPES-----	WESTPHALIA(C) PASQUOTANK(I)	No Yes	Depression	2B3	YES	NO	NO	5900
WhC: WESTPHALIA SOILS, 5 TO 10 PERCENT SLOPES-----	WESTPHALIA(C)	No						1600
WhD: WESTPHALIA SOILS, 10 TO 15 PERCENT SLOPES--	WESTPHALIA(C)	No						300

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				Hydric Criteria Code	Meets Saturation Criteria	Meets Flooding Criteria	Meets Ponding Criteria	
WhE: WESTPHALIA SOILS, 15 TO 40 PERCENT SLOPES--	WESTPHALIA(C)	No						500
WnA: WOODSTOWN AND DRAGSTON LOAMS, 0 TO 2 PERCENT SLOPES-----	WOODSTOWN (C)	No						100
	DRAGSTON (C)	No						100
	POCOMOKE (I)	Yes	Depression	2B3	YES	NO	NO	
WoB: WOODSTOWN AND DRAGSTON LOAMY SANDS, 0 TO 5 PERCENT SLOPES-----	WOODSTOWN (C)	No						450
	DRAGSTON (C)	No						450
	POCOMOKE (I)	Yes	Depression	2B3	YES	NO	NO	
Wsb: WOODSTOWN AND DRAGSTON SANDY LOAMS, 0 TO 5 PERCENT SLOPES-----	WOODSTOWN (C)	No						5275
	DRAGSTON (C)	No						5275
	POCOMOKE (I)	Yes	Depression	2B3	YES	NO	NO	
WtB: WOODSTOWN AND KLEJ LOAMY SANDS, 0 TO 5 PERCENT SLOPES-----	WOODSTOWN (C)	No						1850
	KLEJ (C)	No						1850
	FALLSINGTO							
	N (I)	Yes	Depression	2B3	YES	NO	NO	
	POCOMOKE (I)	Yes	Depression	2B3	YES	NO	NO	

FOOTNOTE: There may be small areas of included soils or miscellaneous areas that are significant to use and management of the soil; yet are too small to delineate on the soil map at the map's original scale. These may be designated as spot symbols and are defined in the published Soil Survey Report or the USDA-NRCS Technical Guide, Part II.

HYDRIC SOILS CRITERIA CODES AND DEFINITIONS

1. All Histosols, except Folists, or
  2. Soils in Aquic suborders, great groups, or subgroups, Albolls suborder, Aquisalids, Pachic subgroups, or Cumulic subgroups that are:
    - a. Somewhat poorly drained with a water table equal to 0.0 foot (ft) from the surface during the growing season, or
    - b. Poorly drained or very poorly drained and have either:
      - (1) water table equal to 0.0 ft during the growing season if textures are coarse sand, sand, or fine sand in all layers within 20 inches (in), or for other soils
      - (2) water table at less than or equal to 0.5 ft from the surface during the growing season if permeability is equal to or reater than 6.0 in/hour (h) in all layers within 20 in, or
      - (3) water table at less than or equal to 1.0 ft from the surface during the growing season if permeability is less than 6.0 in/h in any layer within 20 in, or
  3. Soils that are frequently ponded for long duration or very long duration during the growing season, or
  4. Soils that are frequently flooded for long duration or very long duration during the growing season.
- .